

产品名称: CHK1 Mouse Monoclonal Antibody
产品货号: AMM80519



产品概述 (Summary)

产品名称 (Production Name)	CHK1 Mouse Monoclonal Antibody
描述 (Description)	Mouse monoclonal Antibody
宿主 (Host)	Mouse
应用 (Application)	WB,ELISA
种属反应性 (Reactivity)	Human,Mouse

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	Mouse IgG1
克隆 (Clonality)	Monoclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Purified antibody in PBS with 0.05% sodium azide.
纯化方式 (Purification)	Affinity Purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	CHK1
别名 (Alternative Names)	CHEK1
基因 ID (Gene ID)	1111.0
蛋白 ID (SwissProt ID)	O14757.Purified recombinant fragment of CHK1 expressed in E. Coli.

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,ELISA 1:5000-1:20000
蛋白分子量 (Molecular Weight)	56kDa

研究背景 (Background)

CHK1, also known as CHEK1, it is a kinase that phosphorylates cdc25, an important phosphatase in cell cycle control, particularly for entry into mitosis. Cdc25, when phosphorylated on serine 216 by chk1 becomes bound by an adaptor

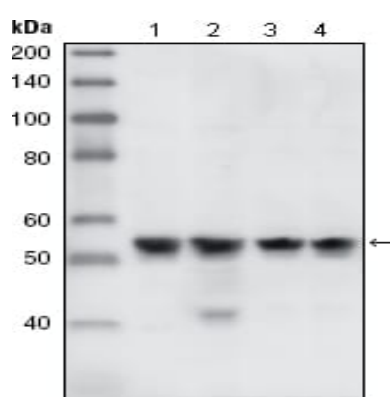
产品名称: CHK1 Mouse Monoclonal Antibody
产品货号: AMM80519



protein in the cytoplasm. Therefore it is inhibited from removing the inhibiting phosphate from MPF (mitotic/maturation promoting factor) added by Wee1. Consequently, a cell is prevented from entering mitosis. Chk1 can also phosphorylate p53 at Ser20 in vitro.

研究领域 (Research Area)

图片 (Image Data)



Western blot analysis using CHK1 mouse mAb against A431 (1), HeLa (2), NIH/3T3 (3) and K562 (4) cell lysate.

注意事项 (Note)

For research use only .